

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

A NEW SPECIES OF *PARAFELICOLA*
(MALLOPHAGA: TRICHODECTIDAE)
FROM MOZAMBIQUE

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In 1966, the authors described *Parafelicola africanus* and reviewed the characters of each species in the genus. Since that time a series representing a sixth, and new, species has been received. It is herewith described and illustrated.

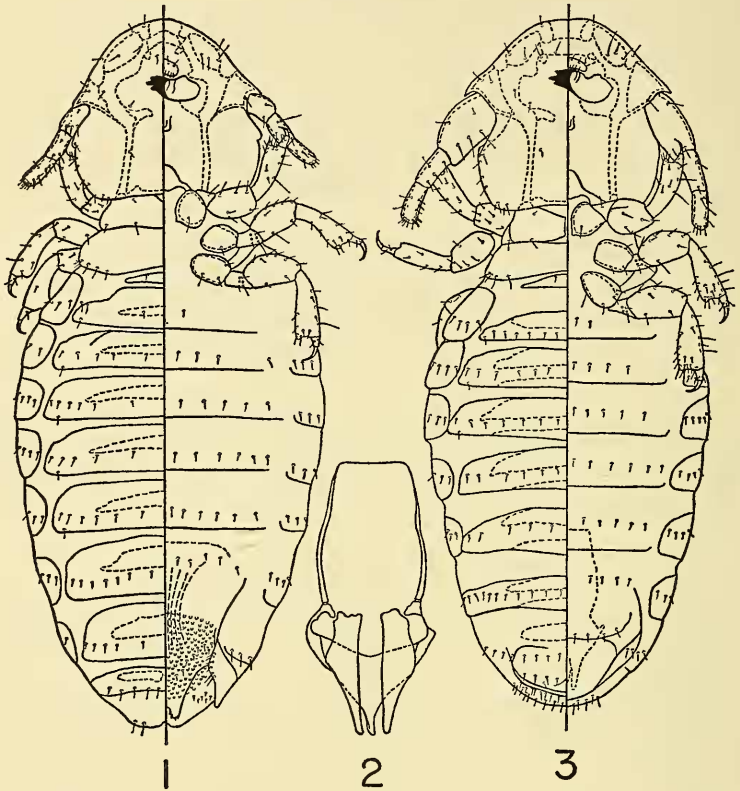
***Parafelicola neoafricanus* new species**

Holotype male: Total length, 1.22 mm. External morphology and chaetotaxy as shown in Fig. 3. Genitalia, less sac, when contained within the abdomen as shown in Fig. 2. Genital sac large and with numerous small serrations.

Allotype female: Total length, 1.29 mm. External morphology and chaetotaxy as shown in Fig. 1. Internal chamber of vulva prominent and serrated.

Discussion: *P. neoafricanus* is without noticeable respiratory spiracles, a feature shared only with *P. acuticeps* and *P. africanus*. The basal plate of the male genitalia is shorter and wider in *P. neoafricanus* than in *P. africanus* and *P. acuticeps*. The pseudopenis and the paramera of *P. neoafricanus* are much thicker than those found in *P. africanus* and *P. acuticeps*. The chaetotaxy of the terminal abdominal segment of the male is more dense in *P. africanus* than in *P. neoafricanus*. The female of *P. neoafricanus* has a tergal plate on all abdominal segments, the female of *P. africanus* has a tergal plate only on segments I-V, and *P. acuticeps* has a tergal plate on segments I-VII. In our description of *P. africanus*, it was incorrectly stated that the subgenital lobes were without serrations. The subgenital lobes of: *P. acuticeps* are pointed, without serrations; *P. africanus* are bluntly pointed, with inside and outside serrations; and *P. neoafricanus* are bluntly pointed, with inside serrations. *P. neoafricanus* is larger, in both sexes, than *P. africanus*.

Type host: *Genetta tigrina* (Schreber, 1778).



FIGS. 1-3. *Parafelicola neoafricanus*, new species. 1, dorsal-ventral view of female. 2, male genitalia. 3, dorsal-ventral view of male.

Type material: Holotype male, allotype female and nine paratypes collected off the type host at Changara, Tete District, Mozambique on 4 November 1964 by H. J. Herbert (HJH-1019). The holotype and allotype will be deposited in the U. S. National Museum.

LITERATURE CITED

- EMERSON, K. C. AND R. D. PRICE. 1966. A new species of *Parafelicola* (Mallophaga: Trichodectidae) from the Small-spotted Genet. *Proc. Biol. Soc. Wash.*, 79: 231-233.